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UNITED STATES PATENT AND TRADEMARK OFFICE

Page 1 of

UNITED STATES DEPARTMENT OF COMMERC United States Patent and Trademark Office COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NUMBER

GLEN E. BOOKS, ESQ.

LOWENSTEIN SANDLER PC

65 LIVINGSTON AVENUE ROSELAND, NJ 07068

FILING OR 371 (c) DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/802,614

03/17/2004

David M. Ziemann

14846-53

CONFIRMATION NO. 4784

FORMALITIES LETTER

OC000000012844246*

Date Mailed: 06/02/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$130 for a Large Entity

• \$130 Late oath or declaration Surcharge.

Replies should be mailed to:

Mail Stop Missing Parts

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

130.00

07/23/2004 WARDELR1 00000049 501358

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202
PART 2 - COPY TO BE RETURNED WITH RESPONSE

Under the Paperwork Reduction Act of 1995, n	no persons are required	Patent and Tradem	nark Offi	PTO/SB/21 (08-03) use through 07/31/2006. OMB 0651-0031 ce: U.S. DEPARTMENT OF COMMERCE ss it displays a valid OMB control number.
		Application Number	10/8	802,614
TRANSMITT	Filing Date	March 17, 2004		
FORM (to be used for all correspondence after initial filing)		First Named Inventor	Ziemann et al.	
		Art Unit	2171	
	Examiner Name	ТВІ	D	
Total Number of Pages in This Submission	n	Attorney Docket Number	148	46-53
	ENCLOS	SURES (check all that apply))	· · · · · · · · · · · · · · · · · · ·
Fee Transmittal Form	Drawing((s)		After Allowance communication to Group
Fee Attached	Licensing	g-related Papers		Appeal Communication to Board of Appeals and Interferences
Amendment / Reply	Petition			Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
After Final		to Convert a nal Application		Proprietary Information
Affidavits/declaration(s)		f Attorney, Revocation of Correspondence		Status Letter

Extension of Time Request	Terminal Disclaimer	Other Enclosure(s) (please identify below):				
Express Abandonment Req Information Disclosure State Certified Copy of Priority Document(s) Response to Missing Parts Incomplete Application	ment CD, Number of CD(s)	Declaration & Power of Attorney (4 sheets - executed) Post Card				
Response to Missir under 37 CFR 1.52						
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT						
Firm or Individual name JUSTIN D. PETRUZZELLI (REG. NO. 52,118) LOWENSTEIN SANDLER PC 65 LIVINGSTON AVENUE, ROSELAND, NJ 07068						
Signature Justin Petryett						
Date JULY 20, 2	104					
CERTIFICATE OF TRANSMISSION/MAILING						

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

JULY 20, 2004

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the

Typed or printed name Signature

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Approved for use through 07/31/2006. OMB 0651-0032
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Complete (if applicable)

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\$130.00

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

SUBMITTED BY

Complete if Known **Application Number** 10/802,614 March 17, 2004 Filing Date First Named Inventor Ziemann et al. **Examiner Name** TBD Art Unit 2171 Attorney Docket No. 14846-53

METHOD OF PAYMENT (check all that apply)	T	FEE CALCULATION (continued)				
Check Credit card Money Other None		3. ADDITIONAL FEES Large Entity Small Entity				
Deposit Account:	Fee	Fee	Fee	Fee	L Fee Description	Fee Paid
Deposit Account 501358	Code 1051	(\$) 130	2051		Surcharge - late filing fee or oath	130.00
Number	1051		2052		Surcharge - late provisional filing fee or cover	130.00
Deposit Account LOWENSTEIN SANDLER PC					sheet	
Name LOWENSTEIN SANDLER TC	1053		1053		Non - English specification	
The Director is authorized to: (check all that apply)		2,520	İ		For filing a request for ex parte reexamination	
Charge fee(s) indicated below Credit any overpayments		920*	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge any additional fee(s) during the pendency of this application	1805	1,840*	1805	1,840*		
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1251	110	2251	55	Extension for reply within first month	
	1252	410	2252		Extension for reply within second month	
FEE CALCULATION	1253	930	2253		Extension for reply within third month	
BASIC FILING FEE Large Entity Small Entity		1,450	2254			
Fee Fee Fee Fee Description		1,970	2255		Extension for reply within fifth month	
Code (\$) Code (\$) Fee Paid	1401	320	2401		Notice of Appeal	
1001 750 2001 375 Utility filing fee	1402	320	2402			
1002 330 2002 165 Design filing 1003 520 2003 260 Plant filing fee	1403	280	2403			
1003 520 2003 260 Plant filling fee		1,510	1451		Petition to institute a public use proceeding	
1005 160 2005 80 Provisional filing fee	1452		2452	55	Petition to revive - unavoidable	
SUBTOTAL (1) (\$)	1453	1,300	2453	650	Petition to revive - unintentional	
	1		2501	650	Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES FOR UTILITY AND Fee from	1502	470	2502	235	Design issue fee	
Extra Claims below Fee Paid	1503	630	2503	315	Plant issue fee	
Total Claims	1460	130	1460	130	Petitions to the Commissioner	
Independent - 3** = 0 X = 0.00	1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)	
Multiple Dependent	1806	180	1806	180	Submission of Information Disclosure Statement	
Fee Fee Fee Fee Description Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be examined	
1204 84 2204 42 ** Reissue independent claims		750	2801	375	(37 CFR § 1.129(b)) Request for Continued Examination (RCE)	
over original patent		900	1802	900	Request for expedited examination	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent		er fee (specify))	of a design application	
SUBTOTAL (2) (\$) \$0.00						
**************************************	l *Rec	fuced t	ov Basic	: Filina i	Fee Paid SUBTOTAL (3)	\$130.00

Registration No. Name (Print/Type JUSTIN D. PETRUZZELLI 52,118 Telephone 973-597-2500 (Attorney/Agent) **JULY 20, 2004** Signature

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

This collection of incommentation is required by 37 CFR 1.17 and 1.27. The collection of incommentation is required to by 37 CFR 1.17 and 1.27. This collection of incommentation is required by 37 CFR 1.17 and 1.27. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

n re Application of:)	Examiner: NYA
ZIEMANN ET AL.)	Examiner: NYA
Application No.: 10/802,614	:	Group Art Unit: 2171
Filed: March 17, 2004) :	
For: UPDATE OF A TREE-BASED DATABASE)	July 20, 2004

Mail Stop Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

Sir:

Applicants have received a Notice To File Missing Parts Of Nonprovisional Application dated June 2, 2004 for the above-identified application. A copy of this Notice is enclosed. Also enclosed is the executed oath required by such Notice. The Commissioner is authorized to charge the \$130.00 surcharge to Deposit Account 501358.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

Date of Deposit

July 20, 200

Date of Signature

Applicants' undersigned attorney may be reached by telephone at (973) 597-2500.

All correspondence should continue to be directed to our address listed below.

Respectfully submitted,

Justin D. Petruzzelli Attorney for Applicants

Registration No. 52,118

DOCKET ADMINISTRATOR LOWENSTEIN SANDLER PC 65 Livingston Avenue Roseland, NJ 07068